

HISTORIC AMERICAN ENGINEERING RECORD

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Dam No. 5 Hydroelectric Plant
Hedgesville vicinity
Berkeley County
West Virginia

HAER No. WV-28

Honeywood Mill and Power House

- WV-28-1 Photocopy of photograph, c. 1904. VIEW OF HONEYWOOD MILL SETTLEMENT AT DAM 5, ORIGINALLY ERECTED AS A FLOUR MILL IN THE 1830s, CONVERTED TO A PULP GRINDING MILL IN THE 1880; HYDROELECTRIC GENERATING EQUIPMENT INSTALLED BY MARTINSBURG POWER COMPANY IN 1904. (Courtesy of the Potomac Edison Company Library (Hagerstown, MD), Historical Data Files, Dam No. 5 listing)
- WV-28-2 Photocopy of photograph, c. 1904. VIEW OF TAILRACE ELEVATION OF ORIGINAL MARTINSBURG POWER COMPANY POWER HOUSE AT DAM NO. 5. (Courtesy of the Potomac Edison Company Library, Historical Data Files, Dam No. 5 listing)
- WV-28-3 Photocopy of photograph, c. 1904. INTERIOR OF ORIGINAL POWER HOUSE, SHOWING A ROPE DRIVEN WARREN 450 KW, 12,000 VOLT (LATER REWOUND TO 2,200 VOLT), 3 PHASE, 60 CYCLE, A.C. GENERATOR, WITH BELT-DRIVEN WARREN 7-1/2 KW, 125 VOLT, 4 POLE, 1,150 RPM EXCITER. (Courtesy of the Potomac Edison Company Library, Historical Data Files, Dam No. 5 listing)
- WV-28-4 Photocopy of photograph, c. 1904. INTERIOR OF ORIGINAL POWER HOUSE, SHOWING M.P.C. SUPERINTENDENT H. B. SHOEMAKER BESIDE SWITCH. AT LEFT IS A REPLOGLE RELAY WATER WHEEL GOVERNOR THAT CONNECTED TO TWO OF THE THREE TURBINES. (Courtesy of the Potomac Edison Company Library, Historical Data Files, Dam No. 5 listing)
- WV-28-5 Photocopy of photograph, c. 1904. VIEW OF 12,000 VOLT TRANSMISSION LINE BETWEEN THE ORIGINAL POWER HOUSE AT DAM NO. 5 AND MARTINSBURG. (From the collection of Mr. Charles Morrison, Hagerstown, MD)

Dam No. 5 Hydroelectric Plant Construction, 1916-19

The following are photocopies of photographs taken by Sanderson and Porter, Consulting Engineers, New York, NY and are from the collection of Mr. Charles Morrison, Hagerstown, MD.

- WV-28-6 DEMOLITION OF HONEYWOOD MILL/ORIGINAL DAM NO. 5 POWER HOUSE. DERRICK MOVING RUBBLE TO BE CRUSHED AND USED AS AGGREGATE IN CONCRETE FOR FOUNDATION OF NEW PLANT, c. 1917.

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- WV-28-9 VIEW OF HEAD RACE EXCAVATION AND FOREBAY INLET CONSTRUCTION. NOTE HONEYWOOD MILL SUBTERRANEAN HEAD RACE EXPOSED AT LEFT, c. 1917.
- WV-28-10 VIEW OF DEMOLITION OF OLD PLANT, SHOWING HAND LOADING OF RUBBLE, c. 1917.
- WV-28-11 DETAIL OF EXTREMELY DETERIORATED CONDITION OF ORIGINAL STONE DAM ABUTMENT AND REASON FOR ENCASING ABUTMENT IN CONCRETE, c. 1918.
- WV-28-12 CONSTRUCTION OF FOREBAY; SLUICEGATE IN CENTER AND ORIGINAL STONE DAM ABUTMENT ENCASED IN CONCRETE ON RIGHT, March 14, 1918.
- WV-28-13 VIEW SHOWING EXCAVATION FOR NEW POWERHOUSE. AT REAR IS FOREBAY EXCAVATION AND CONSTRUCTION, c. 1918.
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Exterior Views

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Taken by Jet Lowe, HAER staff photographer, September 1980
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Taken by Jet Lowe, HAER staff photographer, September 1980
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Taken by Jet Lowe, HAER staff photographer, September 1980
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Taken by Jet Lowe, HAER staff photographer, September 1980
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Taken by Jet Lowe, HAER staff photographer, September 1980
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Taken by Jet Lowe, HAER staff photographer, September 1980
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the Potomac Edison Company Library (Hagerstown, MD), Historical Data
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Taken by Jet Lowe, HAER staff photographer, September 1980

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Taken by Jet Lowe, HAER staff photographer, September 1980
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- WV-28-51 Photocopy of photograph, October 16, 1942. VIEW, LOOKING
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Taken by Jet Lowe, HAER staff photographer, September 1980
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Taken by Jet Lowe, HAER staff photographer, September 1980
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(Courtesy of the Potomac Edison Company Library (Hagerstown, MD),
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Taken by Jet Lowe, HAER staff photographer, September 1980

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